

ABSTRACT

A method of modifying a surface of a casting involves providing a casting mould; placing a perforated mask with the mould to define a masked area of the mould; spray-coating the masked area of the mould with a coating material selected for forming a surface layer on the casting; introducing a liquid casting material to the mould; and, solidifying the liquid casting material to form a surface modified casting. The present method reduces the tendency for the coating material to spall from the mould and permits the formation of thicker coating layers on the mould. Thicker and better quality surface layers may be formed on castings.